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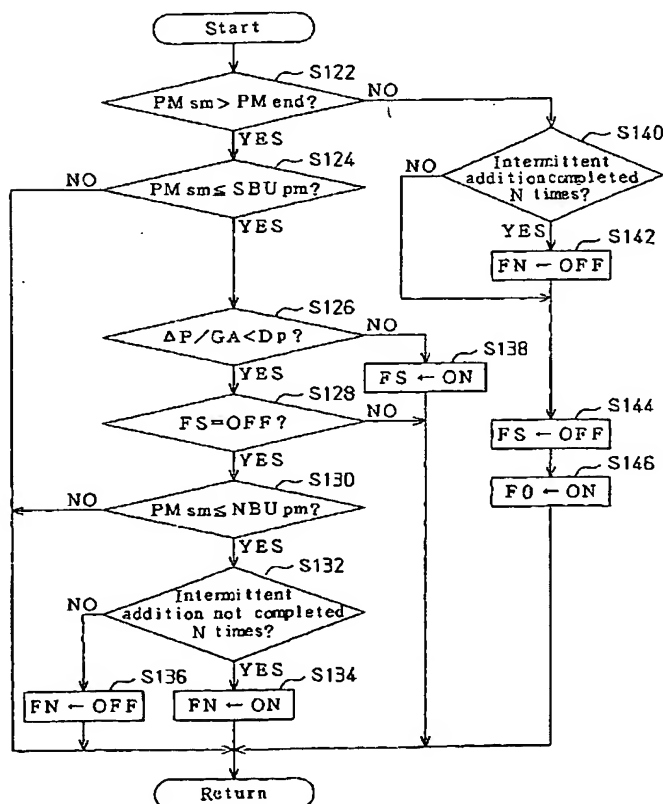
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(54) Title: REGENERATION CONTROLLER FOR EXHAUST PURIFICATION APPARATUS OF INTERNAL COMBUSTION  
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(57) Abstract: A regeneration controller for preventing a large amount of particulate matter from being suddenly burned without increasing the frequency a heating process is performed. The regeneration controller includes an ECU(70) for heating an exhaust purification apparatus to eliminate the particulate matter accumulated in the exhaust purification apparatus when an estimated accumulation amount is greater than a reference accumulation amount. The ECU(70) obtains the estimated accumulation amount by estimating the amount of particulate matter accumulated in the exhaust purification apparatus. Furthermore, the ECU (70) changes modes for heating an exhaust purification apparatus when the regeneration controller is heated and an estimated accumulation amount is within a mode change range.



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